Figure 1

```
   1  tgttgtggag gacttgtgag aaccaccacc agagtccgac atcgcgatca
  51  cggagtagag aaagtcaaaa ctacttctct cagacggatt agtttggttt
        kcs3->
 101  gctggagatt gttccaagaa agagaaacgt taggagcaaa caaacaaaag
 151  agaaaagacg atgatgactg atgagagctt taacaaaaaa ataaaatgag
 201  agagctcaac gggtagaatt gtgagacttg agagagtgtt tcctatttaa
 251  ggcatgcgat tagtgtttat tacgagaatg ccaccgaacg agtacatatt
 301  aatgtatagt atgttaatga tagtctaact aaaatttggt ttttattgaa
 351  atagaatttt gtaagaataa tgaggatctg taatatagct ggatttgcat
 401  taaatcgtac gccgttggta atcgaaatta gttaaataaa tgttttagca
 451  tataatgttg gtgcttccga catgtttatt ggacaataat accatatttt
 501  ttctttggga tcttaaaaaa attgaggaag aaaatagtaa aatagtcaaa
 551  cttaggttac atcataatgg gccaattctt tgagttgtga ttgatctcca
 601  aagatataca tagatttaca caagatcaaa agaaaaacaa ttgggcctaa
 651  accccaagcc catatcaacg tccattatca ttaagattcc tttttttctt
 701  gaaatttgaa aatttgaaat tcgattcaaa tctactctct ctgtttttt
 751  cccataaaaa tctgaaaaac cagaagcttc ttcatcactt ttcctcttga
 801  tatcttccat tagttggccg atacacatga cgccaaatac atcaatggcg
 851  actcttctct gtttttttagt tatatcaaac tcccacccaa cctgcagaag
 901  aaaaaatggt gtctataaac acatcccctt acgatttctt ctctatctct
 951  ctcacagtat ctatatatac gcacacaaac ccagattcag tttctcatca
1001  gtatcatcaa caaaaatatc aaagattctg ctttagaaac tgtccATGga
        kcs1 ->              <- kcs4
1051  tgctaatgga ggacctgtac agatccggac ccaaaactac gtcaagcttg
1101  gttatcacta tctgatcact cactttttta aactcatgtt cctccctcta
1151  atggctgttt tgttcatgaa tgtctcattg ttaagcctaa accatcttca
1201  gctctattac aattccaccg gattcatctt cgtcattact ctcgccattg
1251  tcggatccat tgtcttcttc atgtctcgac ctagatccat ctaccttcta
1301  gattactctt gctacctccc gccttcgagt caaaaagtta gctaccagaa
1351  attcatgaac aactctagtt tgattcaaga tttcagcgaa acttctcttg
1401  agttccagag gaagatcttg attcgctctg gtctcggtga agagacttat
1451  ttaccggatt ctattcactc tatccctccg cgtcctacta tggctgcagc
1501  gcgtgaagaa gcggagcagg taatcttcgg tgcactcgac aatcttttcg
1551  agaatacaaa aatcaatcct agggagattg gtgttcttgt tgtgaattgt
1601  agtttgttta accctacgcc ttctttatcc gccatgattg ttaacaagta
1651  taagcttaga ggaaacatta agagctttaa ccttggagga atgggatgta
1701  gtgctggtgt tatcgcggta gatctagcta gtgatatgtt acaaatccat
1751  aggaacactt ttgctcttgt ggttagtact gagaacatca ctcagaattg
1801  gtattttggt aacaagaaag caatgttgat ccctaattgc ttgtttagag
1851  ttggtggttc cgcggttctg ctttcgaaca agcctttgga tcgaaaacga
1901  tccaagtata agcttgttca tacggtcagg actcataaag gatctgatga
1951  gaacgcattc aattgtgtgt atcaagaaca agatgagtgt ttgaaaaccg
2001  gagtttcttt gtctaaagat cttatggcta tagctggaga agctttaaag
2051  acgaatatca cttctttggg tcctctggtt cttcctataa gcgagcagat
2101  tctgttcttt gcgacttttg ttgctaagag attgttcaat gacaagaaga
2151  agaagcctta cataccggat ttcaagcttg ctttagatca tttctgtatt
2201  cacgcgggag gtagagccgt gattgatgag ctagagaaga gtttaaagct
2251  ttctccaaaa catgttgagg cgtctagaat gactttgcat agatttggaa
2301  acacttcctc tagctctata tggtatgaat tggcttacac ggaagctaaa
2351  ggaagaatga ggaaaggaaa cagagtttgg cagattgctt ttggtagcgg
2401  gtttaagtgt aacagcgcgg tttgggtggc tcttcgcaat gtcgagccct
2451  cggttaacaa tccttgggaa cattgcatcc atagatatcc ggttaagatc
                                                   <- kcs2
2501  gatctttga
```